

Form PTO-1449

Information Disclosure Citation

Attorney Docket 2000-0398	Application No. 09/616,897
Applicant Jin-Meng HO <i>et al.</i>	Examiner John BYRD
Application Filing Date July 14, 2000	Group Art Unit 2667

U.S. Patent Documents

Examiner Initials	Cite	Patent / Application Number	Date	Name	Class	Sub-Class	Filing Date
QA	A	6,366,577	4-2002	Donovan			
	B	5,638,371	6-1997	Raychaudhuri <i>et al.</i>			
	C	6,728,365	4-2004	Li <i>et al.</i>			
	D	6,738,361	5-2004	Immonen <i>et al.</i>			
	E	6,628,629	9-2003	Jorgenson			
	F						
	G						
	H						
	I						
	J						
	K						

Foreign Patent Documents

Examiner Initials	Cite	Document Number	Date	Country	Name	Class	Sub-Class	Translation
	L							Yes No
	M							Yes No
	N							Yes No
	O							Yes No
	P							Yes No

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

QA	Q	RFC 2814, Yavatkar <i>et al.</i> , "SBM (Subnet Bandwidth Manager)", May 2000, www.ietf.org
QA	R	RFC 2205, Braden <i>et al.</i> , "Resource Reservation Protocol (RSVP)", September 1997, www.ietf.org
	S	

Examiner Signature *Afsar Qureshi*Date Considered *11/21/2004*

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

Complete If Known

Application Number	09/616,887
Filing Date	July 14, 2000
First Named Inventor	Jin-Mang Ho et al.
Art Unit	2664
Examiner Name	W. Chin
Attorney Docket Number	003493.00079

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
ad		US-5,012,469	04-30-1991	Sardana	
		US- 5,717,688	02-10-1998	Belanger et al.	
		US- 5,787,080	07-28-1998	Hufyaikar et al.	
		US- 5,949,769	09-07-1999	Citta et al.	
		US- 5,960,000	08-28-1999	Rusozzyk et al.	
		US- 6,078,382	11-02-1999	Citta et al.	
		US- 6,034,887	03-07-2000	Citta et al.	
		US- 6,189,748	01-02-2001	Barbas et al.	
		US- 6,228,277	05-01-2001	Chuah	
		US- 6,238,656	05-22-2001	Westerberg et al.	
		US- 6,262,976	07-17-2001	McNamara	
		US- 6,263,204	07-17-2001	Kusaki et al.	
		US- 6,285,886	09-04-2001	Kamel et al.	
		US- 6,317,438	11-13-2001	Trebas, Jr.	
		US- 6,356,555	03-12-2002	Rakib et al.	
		US- 6,370,153	04-09-2002	Eng	
		US- 6,377,548	04-23-2002	Chuah	
		US- 6,452,915	08-17-2002	Jorgensen	
		US- 6,488,691	10-22-2002	Chuah	
		US- 6,501,741	12-31-2002	Mikkonen et al.	

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FOREIGN PATENT DOCUMENTS

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		Country Code ⁴ - Number ⁵ - Kind Code ⁶ (if known)				
ad		JP 02072736 A	08-1990	Kurokawa, Takatsugu		

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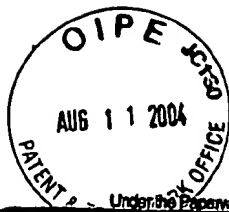
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Complete If Known

Application Number	09/816,897
Filing Date	July 14, 2000
First Named Inventor	Jin-Meng Ho et al.
Art Unit	2664
Examiner Name	W. Chin
Attorney Docket Number	003493.00079

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
All		US- 6,615,972	02-04-2003	Gage et al.	
		US-6,519,482	02-11-2003	Lu et al.	
		US- 6,538,989	03-25-2003	Cartar et al.	
		US- 6,542,490	04-01-2003	Ahmadvand et al.	
		US- 6,587,408	05-20-2003	Li et al.	
		US- 6,587,418	05-20-2003	Chuah	
		US- 6,577,809	06-10-2003	Sharony	
		US- 6,587,457	07-01-2003	Mikkonen	
		US- 6,587,485	07-01-2003	Dampo	
		US- 6,590,885	07-08-2003	Jorgensen	
All		US- 6,600,744	07-29-2003	Carr et al.	
		US- 6,625,168	09-23-2003	Shalo et al.	
		US- 6,631,122	10-07-2003	Arunachalam et al.	
		US-			
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
AL		Aed, Imat & Castelluccio, Claude, "Introducing Service Differentiation into IEEE 802.11", IEEE, 2000, pages 438-443.	
AL		Ganz, Aura & Wongthavarawat, Kitt, "IEEE 802.11 Wireless LAN Association Procedure for Multimedia Applications", IEEE, 1999, pages 1287-1291.	
AL		Ho, Jin-Meng & Lin, Wei, "IEEE 802.11 Wireless LANs, MediaPlex-An IEEE 802.11 Enhanced Protocol for QoS-Driven Wireless LANs", AT&T, November 2000, pages 1-25.	
AL		Gong, Zhijun et al., "QoS Guaranteed Wireless LAN" International Conference on Communication Technology, ICCT, October 22-24, 1999.	
AL		Cali, F. et al., "IEEE 802.11 Wireless LAN: Capacity Analysis and protocol Enhancement, IEEE 1998.	
AL		Deng, Dr-Jiunn & Chang, Ruay-Shiung, "A Priority Scheme for IEEE 802.11 DCF Access Method", IEICE Trans. Commun., Vol. E82-B, No. 1, January 1999.	

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